

Photon-In/Photon-Out Inelastic Soft X-Ray Spectroscopy in Renewable Energy Science			
Co-Chairs: Jinghua Guo and Franz Himpsel			
5-Oct-07			
	Invited Speaker	Affiliation	Title
1:00-1:30 PM	Heinz Frei	LBNL	Polynuclear Photocatalysts on Nanoporous Supports for Artificial Photosynthesis
1:30-2:00 PM	Junko Yano	LBNL	Electronic Structure of the Mn ₄ Ca Cluster in the Oxygen-Evolving Complex of Photosystem II Studied by Resonant Inelastic X-ray Scattering
2:00-2:30 PM	Rajeev Ahuja	Uppsala Univ., Sweden	A comparative investigation of H ₂ interaction in Cu-, Cd- and Zn-based MOF-5: A density functional theory based study
2:30-3:00 PM	Juan Meza	LBNL	Recent Developments in Electronic Structure Calculations
3:00-3:15 pm	Coffee Break		
3:15-3:45 pm	Clemens Heske	UNLV	Soft x-ray and electron spectroscopy of surfaces and interfaces in devices for energy conversion
3:45-4:15 pm	Benjamin Gilbert	LBNL	X-ray spectroscopy and aqueous photoelectrochemistry of iron oxide nanoparticles
4:15-4:45 pm	Alessandra Lanzara	UCB	TBA
4:45-5:15 pm	Tony van Buuren	LLNL	Tailoring of the electronic structure of nanomaterials : A foundation for solar energy conversion
5:15-5:30 pm	Jinghua Guo / Franz Himpsel	Workshop Summary	